

WHAT IS CLAIMED IS:

1. A method of applying a liquid-based composition to a web of a tissue product having a basis weight less than about 120 grams per square meter, said method comprising:

5 providing a papermaking furnish containing cellulosic fibers;
 forming a web from said papermaking furnish;
 forming a foam from the liquid-based composition; and
 applying said foam to said web while said web has a solids consistency less than about 95% by weight of the web.

10 2. A method as defined in claim 1, wherein said foam is applied to said web while said web has a solids consistency between about 60% to about 95% by weight of the web.

15 3. A method as defined in claim 2, wherein said foam is applied to said web while said web has a solids consistency between about 80% to about 90% by weight of the web.

20 4. A method as defined in claim 1, wherein said foam is applied to said web while said web has a solids consistency between about 10% to about 35% by weight of the web.

25 5. A method as defined in claim 4, wherein said foam is applied to said web while said web has a solids consistency between about 15% to about 30% by weight of the web.

 6. A method as defined in claim 1, further comprising drawing said foam towards said web with a vacuum slot.

 7. A method as defined in claim 1, wherein said foam is applied to said web while said web is supported on a moving foraminous surface.

 8. A method as defined in claim 1, wherein said web is supported on a first moving foraminous surface, said first moving foraminous surface defining a nip with a second moving foraminous surface, said foam being applied to said web at said nip.

9. A method as defined in claim 1, further comprising drying said web.

10. A method as defined in claim 9, wherein said drying is accomplished by at least one through-dryer.

5 11. A method as defined in claim 1, wherein the tissue product has a basis weight between about 5 to about 70 grams per square meter.

12. A method of applying a liquid-based composition to a web of a tissue product having a basis weight less than about 120 grams per square meter, said method comprising:

10 providing a papermaking furnish containing cellulosic fibers;

forming a web from said papermaking furnish, said web having a first surface and a second surface opposing said first surface;

forming a foam from the liquid-based composition;

positioning a foam applicator adjacent to said first surface of said web without substantially contacting said first surface of said web, said foam applicator being furnished with said foam;

dispensing said foam from said foam applicator onto said web while said web has a solids consistency less than about 95% by weight of the web.

20 13. A method as defined in claim 12, wherein said foam is dispensed onto said web while said web has a solids consistency between about 60% to about 95% by weight of the web.

14. A method as defined in claim 13, wherein said foam is dispensed onto said web while said web has a solids consistency between about 80% to about 90% by weight of the web.

25 15. A method as defined in claim 12, wherein said foam is dispensed onto said web while said web has a solids consistency between about 10% to about 35% by weight of the web.

16. A method as defined in claim 15, wherein said foam is

dispensed onto said web while said web has a solids consistency between about 15% to about 30% by weight of the web.

17. A method as defined in claim 12, further comprising positioning a vacuum slot adjacent to said second surface of said web so that said foam is drawn towards said web when dispensed from said foam applicator.

18. A method as defined in claim 12, wherein said foam is dispensed onto said web while said web is supported on a moving foraminous surface.

19. A method as defined in claim 12, wherein said web is supported on a first moving foraminous surface, said first moving foraminous surface defining a nip with a second moving foraminous surface, said foam being dispensed onto said web at said nip.

20. A method as defined in claim 12, wherein the tissue product has a basis weight between about 5 to about 70 grams per square meter.

21. A method as defined in claim 12, further comprising drying said web.

22. A method as defined in claim 21, wherein said drying is accomplished by at least one through-dryer.

23. A method of applying a liquid-based composition to a web of a tissue product having a basis weight less than about 120 grams per square meter, said method comprising:

depositing a furnish containing cellulosic fibers and water onto a moving foraminous surface, thereby forming a web on said foraminous surface, said web having a first surface and a second surface opposing said first surface;

forming a foam from the liquid-based composition;

positioning a foam applicator adjacent to said first surface of said web without substantially contacting said first surface of said web, said

foam applicator being furnished with said foam;
dispensing said foam from said foam applicator onto said web
while said web has a solids consistency less than about 95% by weight of
the web; and
5 thereafter, drying said web to remove water therefrom.

24. A method as defined in claim 23, wherein said foam is
dispensed onto said web while said web has a solids consistency
between about 60% to about 95% by weight of the web.

10 25. A method as defined in claim 24, wherein said foam is
dispensed onto said web while said web has a solids consistency
between about 80% to about 90% by weight of the web.

15 26. A method as defined in claim 23, wherein said foam is
dispensed onto said web while said web has a solids consistency
between about 10% to about 35% by weight of the web.

20 27. A method as defined in claim 26, wherein said foam is
dispensed onto said web while said web has a solids consistency
between about 15% to about 30% by weight of the web.

28. A method as defined in claim 23, further comprising positioning
a vacuum slot adjacent to said second surface of said web so that said
foam is drawn towards said web when dispensed.

25 29. A method as defined in claim 23, wherein said moving
foraminous surface defines a nip with another moving foraminous surface,
said foam being dispensed onto said web at said nip.

30. A method as defined in claim 23, wherein said drying is
accomplished by at least one through-dryer.

31. A method as defined in claim 23, wherein the tissue product
has a basis weight between about 5 to about 70 grams per square meter.